

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

1930 SPRING CATALOGUE

Rockmont Nursery

NEW OR NOTEWORTHY PLANTS

Including Mountain Flowers for the Rock Garden
Shrubs, Lovelier Lilacs, Iris, Phlox, Seeds



Rubus deliciosus, Mountain Bramble

D. M. ANDREWS

P. O. BOX 495

BOULDER, COLORADO

Introductory

Practical Thanks. I know of no better expression of my appreciation of your business than to try to make my service consistently better and more helpful to you.

Time of Delivery. For seeds, any time; the earlier the better. All our plants are from outdoor stock, and digging can begin in March, continue through April, ending May 1st to May 15th. Orders for Lilacs and other plants that start early, should be placed in time for delivery before April 15th. It is an advantage to place all orders early; then, in making deliveries, we begin with California and the South, and reach the others all at the most favorable time. This helps to eliminate the rush near the end of the season and gives you better service.

Free Delivery. Plant orders with cash, amounting to \$3.00 or more, exclusive of seeds, are delivered free. A delivery charge of 25 cents additional is required on orders less than \$3.00 if wanted by mail. Evergreens and shrubs travel by express at purchaser's expense, care being taken to avoid unnecessary weight.

Safe Delivery is guaranteed by parcel post or express. An immediate report of loss or damage with full particulars is required for adjustment.

Substitution. It is my policy to avoid substitution. Orders taken partly or entirely from an old catalogue are almost certain to include items temporarily out of stock. If you are obliged to use an old catalogue, please do not fail to include a few substitute items that may be used if necessary; otherwise in small matters I will substitute as closely as possible something of equal or better value.

Cannot Supply. If you have inquired for plant material or varieties not listed in the latest catalogue, and find this paragraph marked, please understand that such items are not available.

Canadian and Foreign correspondents who receive this catalogue are requested to limit their orders to seeds, remitting cash in full with order.

Garden Clubs. The official of any garden club may apply for four copies of this catalogue for the use of members. These will be furnished so long as a supply is available.

Correspondence is invited with the Trade and with Landscape Architects, who are interested in our New or Noteworthy plants and shrubs.

Address all orders and correspondence to,

D. M. ANDREWS,

P. O. Box 493, Boulder, Colorado.

News of the Nursery

The other morning my thermometer stood at 28 degrees below zero. The official record for the night was 33 below. For seventeen days the reading has been zero or colder. This is unusual weather, but I thought you would like to know that our Rocky Mountain flowers are hardy; none hardier.

The mountains are a beautiful sight these crisp mornings. For a few moments at sunrise their snowy slopes are bathed with rose color. Although three miles away, each tree stands out with telescopic distinctness. Looking from the front door the shrubs in the nursery across the driveway stand up bravely in the snow. From the east windows a group of Juniper and Spruce is a reminder that Christmas is not far in the background, and that 1930 is still young enough for me to wish you all a happy and prosperous new year.

The photograph of the Rocky Mountain Bramble or Thimbleberry on the front cover reminds me that there are more than two thousand splendid young bushes in the nursery, ready to bloom next summer. I consider this one of the most beautiful and valuable shrubs that America has given to American gardens. I am proud to sponsor it. This block of bushes would not last long if each of you appreciated what a fine thing it is.

It is worth while to record that this lot of Mountain Bramble was grown in the nursery from seed. Almost everything that I offer is propagated now from seeds, cuttings or division; and this obviates any possible prejudice against collected plants. It insures a superior grade of stock, all fully acclimated to this altitude, which is 5,000 feet. As this is halfway in point of altitude between the subalpine zone and sealevel, the value of such acclimatization must be quite apparent, and the change to your garden from mine presents no difficulty.

"No difficulty," because my chief endeavor in supplying high class novelties is to give the best of service in packing and delivery. Improvements which I have put into effect the last year or two have resulted in many unsolicited reports that are most gratifying.

The amount paid for postage is only part of the cost of delivery. Note the excellent material used in wrapping and for retaining moisture without excessive weight or wetness. In order to continue and improve this service, including free delivery, it must be evident that each order must justify the cost of packing and postage. Even trial orders should be large enough to permit a fair showing of my stock and service. This is the reason for announcing with this issue of the catalogue, that plant orders under \$3.00 are not solicited. They are not entitled to free delivery.

I have seldom printed testimonials of any sort. The only thing that prompts me to do so now is the occasional expression of doubt that I can ship so far. My answer is, try it at my risk. But hear what others say. The complete letters are on file.

From New Jersey: "The plants came in splendid condition, the finest order I had this season. Very many thanks." From Lincoln, Nebraska: "Received the plants, shrubs and bulbs of

previous orders and all were in fine condition." California: "Plants arrived last evening in wonderful condition. Am very much pleased with them." New York: "Package of plants arrived yesterday in fine condition. Please accept thanks for liberal count." Oregon: "The shipment of Lilacs came through in splendid shape, and the plants themselves "were a pleasant surprise. I particularly noted that the small sized ones were of good shape and with good roots and were well branched." New York: "Plants arrived O. K. Thanks for such excellent service."

Classified Lists

Plants for Special Purposes

In presenting lists of plants, classified as to use, it is with the caution that such lists are merely suggestive, and without the intention of limiting the use of the plants included; for example, plants that grow in dry places will usually grow equally well or better under ordinary conditions.

It is to be understood also, that most of the plants not included serve rather a general place in the garden or rock garden and that they are hardy to the north central and eastern states, and that all except the newest introductions have a successful record both east and west. A soil of neutral reaction to mildly acid is to be considered favorable to successful culture, unless otherwise indicated. Items classified, but not included in the pricelist are temporarily unavailable. Please do not ask for detailed information by letter. Questions should be stated briefly, with space left for the answer, and a self-addressed, stamped envelope enclosed. I cannot undertake to answer questions otherwise.

Miniature Shrubs for the Rock Garden

<i>Amorpha canescens</i>	<i>Lonicera Thibetica</i>
<i>Amorpha nana</i>	<i>Pachistima Myrsinites</i>
<i>Betula glandulosa</i>	<i>Potentilla fruticosa</i>
<i>Carangana aurantiaca</i>	<i>Prunus gracilis</i>
<i>Daphne cneorum</i>	<i>Rosa foliolosa</i>
<i>Dryas octopetala</i>	<i>Rosa stellata</i>
<i>Holodiscus</i>	<i>Salix brachycarpa</i>
<i>Jamesia Americana</i>	<i>Salix glaucops</i>
<i>Juniperus sab. tamariscifolius</i>	<i>Salix petrophila</i>
<i>Kalmia microphyllus</i>	<i>Symphoricarpos vaccinioides</i>

Plants Found in Soil More Than Slightly Acid

<i>Allium brevistylum</i>	<i>Betula glandulosa</i>
<i>Caltha rotundifolia</i>	<i>Dryas octopetala</i>
<i>Delphinium elongatum</i>	<i>Holodiscus</i>
<i>Dodecatheon (sp.)</i>	<i>Jamesia Americana</i>
<i>Erigeron (sp.)</i>	<i>Kalmia microphylla</i>
<i>Gentiana (sp.)</i>	<i>Salix brachycarpa</i>
<i>Primula (sp.)</i>	<i>Salix glaucops</i>
<i>Ranunculus Adoneus</i>	<i>Salix petrophila</i>
<i>Sedum (native)</i>	<i>Aconitum (sp.)</i>
<i>Trollius (sp.)</i>	<i>Aquilegia coerulea</i>

Commonly in Lime or Alkaline Soil

Probably all are tolerant, not requiring lime.

<i>Delphinium Geyeri</i>	<i>Quincula lobata</i>
<i>Malvastrum coccineum</i>	<i>Stanleya pinnata</i>
<i>Oenothera brachycarpa</i>	<i>Thermopsis rhombifolia</i>
<i>Crassina grandiflora</i>	<i>Shepherdia argentea</i>
<i>Mentzelia decapetala</i>	<i>Rhus cognata</i>
<i>Mirabilis multiflora</i>	<i>Rhus trilobata</i>

Alpines for Special Culture

<i>Chionophila Jamesii</i>	<i>Sedum Rhodiola</i>
<i>Erythronium parviflorum</i>	<i>Synthrysis alpinus</i>
<i>Gentiana Parryi</i>	<i>Trollius albiflorus</i>
<i>Lewisia pygmaea</i>	<i>Viola bellidifolia</i>
<i>Primula Parryi</i>	<i>Trifolium Parryi</i>
<i>Ranunculus adoneus</i>	

Shrubs for Dry Ground

<i>Amorpha nana</i>	<i>Prunus melanocarpa</i>
<i>Caragana aurantiaca</i>	<i>Quercus Gambellii</i>
<i>Clematis ligusticifolia</i>	<i>Quercus unlulatus</i>
<i>Clematis orientalis</i>	<i>Rhus (species)</i>
<i>Crataegus erythropoda</i>	<i>Rosa stellata</i>
<i>Holodiscus microphyllus</i>	<i>Symphor. occidentalis</i>
<i>Jamesia Americana</i>	<i>Symphor. Utahensis</i>
<i>Prunus Besseyi</i>	

Plants for Dry Ground

<i>Allium rec. superbum</i>	<i>Lewisia rediviva</i>
<i>Aster Porteri</i>	<i>Liatris punctata</i>
<i>Aster ptarmicoides</i>	<i>Malvastrum coccineum</i>
<i>Calochortus</i>	<i>Mertensia lanceolata</i>
<i>Campanula petiolata</i>	<i>Oenothera (species)</i>
<i>Clematis eriophora</i>	<i>Pentstemon (most western species)</i>
<i>Clematis Scottii</i>	
<i>Delphinium Geyeri</i>	<i>Salvia azures, Pitcheri</i>
<i>Gentiana Bigelovii</i>	<i>Sedum Ewersii</i>
<i>Gilia pulchella</i>	<i>Yucca (western species)</i>
<i>Leucocrinum montanum</i>	<i>Zygadenus gramineus</i>

Wet in Spring, Dry in Summer

<i>Allium brevistylum</i>	<i>Sedum Rhodiola</i>
<i>Caltha rotundifolia</i>	<i>Sedum rhodanthum</i>
<i>Dodecatheon (western)</i>	<i>Trollius albiflorus</i>
<i>Iris Missouriensis</i>	<i>Veratrum speciosum</i>
<i>Mertensia ciliata</i>	<i>Zygadenus elegans</i>
<i>Ranunculus adoneus</i>	

Lovelier Lilacs

In the improvement of the old-fashioned lilac, a favorite from time immemorial, much credit is due French hybridists, particularly the late Victor Lemoine of Nancy, France.

These superb creations are marked by both single and double flowers, individually of large size and produced in very ample clusters. Their wide range of color, delightful fragrance, lasting texture and extended flowering season combine to increase the popularity of an old-time favorite.

The Secret of Lovelier Lilacs. There are two nursery methods of propagating lilacs. One is to bud or graft on privet or other root stock; the other is by cuttings or layers to produce an own-root plant.

Lilac bushes growing and flowering on their own roots are conceded to be the best. They will remain always true to type, and cannot produce sprouts of a different kind. They are long-lived, have a perfect root system and bloom while very young. Years of satisfaction will many times repay your investment in this class of stock.

The advocates of budded or grafted lilacs claim first, more rapid propagation; this is granted. Second, that grafted bushes will soon become "own-rooted" if set deep enough to cover the union. Unfortunately, this does not often result.

If you want to buy grafted or budded lilacs—fine! But get it straight. If you are buying on the promise that they will become, sooner or later, own-rooted bushes, then you are trading on a narrow margin.

Study the picture showing root growth and decide for yourself. At the center are two own-root bushes (Charles Joly and Ludwig Spath) grown at Rockmont Nursery. Of the three bushes at the left, one is budded high up on privet, the others are probably grafted. I bought them three years ago; two are dead, the other has not bloomed. The two at the extreme right where from a wholesale nursery in Kansas, and were exactly as represented, grafted lilacs on privet roots. As is frequently the case, the top has overgrown the root and the plant will be short-lived.

Only one other comment seems necessary. It is only fair in referring to my own-root bushes, grown at Rockmont Nursery, to give due credit to my inimitable soil conditions, and second, to our mile-high climate where a dry atmosphere and intense sunlight compel lilacs, in common with all other nursery stock, to produce an amazing growth of fibrous roots.

After many experimental purchases I am satisfied that nothing offered anywhere can surpass this Rockmont stock for a "quick pickup and getaway." Some of my customers have reported blooms the first season; and almost invariably they become established and flower freely the second year.

Culture.—Lilacs like sun and air, require plenty of moisture with rather free drainage. They will repay good care, yet often give splendid results under seeming neglect. In land of moderate fertility freedom of bloom is likely to increase with the age of

the plant, and with plenty of room very little pruning is required; in any case avoid cutting the ends of strong branches which would sacrifice flower buds.

The size of bushes will average two to three feet tall, unless otherwise indicated. "Small plants" will be less than two feet but well established stock. "Large bushes" are three to four feet tall or larger, and are exceptionally fine stock and heavily rooted.

Not prepaid. Lilacs must be shipped by express. Excessive weight is avoided in packing to insure economical transportation. Lilacs should be delivered in spring before growth commences. Place your order early enough for shipment before April 15th. Autumn delivery begins about October 20th and continues through November.

List of varieties. Own-root stock exclusively. Extreme care is exercised to have every plant true to name; I will replace or refund amount paid for any that proves untrue. Safe delivery guaranteed; see introduction. All are double unless described otherwise.

***Alba Grandiflora.** A tall-growing single white with large panicles. Small bushes, \$2.00 each.

***Alphonse Lavalle.** Lilac-blue, large full truss, medium dwarf. \$2.00 each.

Charles Joly. Dark crimson-purple, long narrow panicle, vigorous upright habit, very free, one of the best dark varieties. \$1.50 each; large bushes, \$2.00.

***Congo.** Single; very large broad panicle, bright red-purple, profuse bloomer. One of the most valuable, regardless of price. \$2.50 each; small bushes, \$2.00.

***Edouard Andre.** Clear mauve pink, buds rose pink, dwarf habit, free flowering, very beautiful. Small, \$2.00 each.

***Ellen Wilmott.** A grand white with immense panicles and individual flowers, midseason to late, rated as the best late white, fine stock. Small plants, \$2.50 each.

Emile Lemoine. Pale persian-lilac color with pink-lilac buds, very distinct color, extra bloomer, late. \$2.00 each; large, \$2.50.

Frau Bertha Dammann. Single, pure white, early. \$1.50 each.

***Hugo Koster.** Single, early, large full truss of bluish violet, dwarf. Small, \$2.00 each.

Ludwig Spath. Single, very rich dark purple, very long panicle of large flowers. \$1.50 each; large, \$2.00.

***Maximowicz.** Double, midseason, panicle held well above the foliage. Large duplex floret in well proportioned truss; bluish lavender with purplish buds. Small, \$2.50.

Mme. Casimir Perier. Large creamy white, very free blooming. \$1.50 each; large, \$2.00.

Mme. Lemoine. A very fine pure white, large flower and truss, very double, early. A better grower, and produces finer panicles than Ellen Willmott. \$2.00 each; large, \$2.50.

Marie LeGraye. Single, free blooming early white; one of the best of the older varieties. Small bushes, \$2.00.

President Grevy. Very handsome soft blue-lilac flowers of large size, very double; panicle on established bushes nearly a foot long. \$1.50 each; large, \$2.00.

Princess Alexandra. Single, midseason, white; a good grower and free bloomer. Small, \$2.00 each.

Rene Jary des Loges. Large panicle of light bluish mauve; dwarf habit. Small, \$2.50.

***Senator Volland.** Double; one of the darker varieties described by a French grower as Fuchsia-red. Small, \$1.50.

Virginite. Clear mauve-pink, fine large truss. \$2.00 each; large, \$2.50.

Viviand Morel. Large elongated truss, flowers large, double, clear bluish lilac, the buds purple. A vigorous grower and profuse bloomer. \$1.50 each; large, \$2.00.

***Waldeck Rosseau.** Double, rather dwarf, late, fragrant; flowers in large trusses, lilac-rose with paler center; choice variety. Small, \$2.50.

The Lilac Species make handsome bushes, and while the flowers are not as showy as the hybrids, several of them bloom much later and therefore extend the flowering season several weeks. The four species are all own-rooted stock.

***Syringa japonica.** Japanese Tree Lilac. A handsome small tree, valuable for its late blooming season. Flowers pure white, panicle sometimes a foot in height. Exceptionally fine own-root bushes, can be trimmed to single stem; 4 feet tall. \$2.50 each.

Syringa Josikaea. Hungarian Lilac. Large stout shrub, flowering in June. Foliage glossy, dark green; 75 cents.

Syringa persica. Persian Lilac. Small shrub to 6 feet, with slender branches and graceful habit. A very profuse bloomer in May; 75 cents each.

Syringa villosa. Late Lilac. Of dense, bushy habit, valued as a specimen shrub and for its late and profuse flowering; 75 cents each.

New or Noteworthy Shrubs

Including Miniature Shrubs

It is possible now to put an entirely new accent into your planting effects by making a free use of western native shrubs from the highlands and valleys of the central Rocky Mountains. These shrubs are hardy to South Dakota, Michigan and the colder parts of New England, and except as specifically stated, will thrive under ordinary garden conditions. A few, recommended for dry conditions, should not be subjected to an excess of moisture or poor drainage.

Most of the following list are native shrubs. A few, equally hardy, are included from other sources. It should be noted, in the case of shrubs which have a wide range of distribution to the southward, or westward, that the Colorado form always

excels in hardiness. The size indicated following the name is the approximate size at maturity.

The stock offered is nursery-grown, and well rooted. Where no size is indicated, a 2-year grade, about 2-3 feet in height, is to be understood. Small, indicates two feet or less; large, 3-4 feet or more. This system of grading does not apply to "Miniature Shrubs" although corresponding in age.

Not Prepaid. Shrubs are not priced prepaid. Light but efficient packing makes for low transportation cost, which is to be paid by purchaser.

Acer ginnala. Shrub to 15 feet. Graceful Maple with the fruits usually red and conspicuous in summer and foliage turning red in autumn. Large, \$1.00; three for \$2.75.

Alnus tenuifolia. Mountain Alder. Small tree to 25 feet. Shrub-like tree with slender branches and rather upright habit. 4 feet, \$1.00 each, three for \$2.75.

Amorpha angustifolia. Western Indigo-bush. 8 feet. For wet or dry position, a resistant shrub of good habit, small pinnate foliage and spikes of brown-purple flowers. 75 cents each, \$7.50 per dozen.

Amorpha canescens. Lead Plant, 20 inches. The low wand-like stems are furnished with silvery pinnate foliage and terminate in an ample spray of small violet-blue flowers. The color effect is charming and the foliage always attractive. Small, 75 cents each, 10 for \$6.50.

Amorpha nana. Dwarf Indigo. 20 inches. A much branched little shrub, with very dark green foliage of minute leaflets and fern-like texture. Each branch carries several spikelets of garnet florets, and the brown seeds which follow are attractive. The whole plant is pleasantly aromatic, and may be trained to a tree-like specimen with a single stem. Small 75 cents each, 10 for \$6.50.

***Ampelopsis Saint Paulii.** (Parthenocissus) St. Paul Creeper. The best-clinging of the various five-leaved creepers by reason of its many-disc'd tendrils and also aerial rootlets. Foliage turning deep scarlet or crimson in autumn. Strong plants. \$1.00.

Betula fontinalis. Rocky Mountain Birch. Small shrubby tree, forming clumps, 12 feet or sometimes larger, for stream banks or drier positions. Good foliage and dark redish-brown branches. Large, 75 cents; 4-5 feet, \$1.00 each, three for \$2.75.

Betula glandulosa. Dwarf Birch. 36 inches. Grows rather slowly, and in a dry position will not outgrow the rock garden for many years. A bush of rounded form, redish-brown twigs, excellent foliage and easily grown. Small bushy clumps, \$1.00 each, 10 for \$7.50.

Caragana aurantiaca. Dwarf Pea-Shrub. 24 inches. Bushy and spreading with very showy orange blossoms and minute dark green leaves. A slow-growing diminutive shrub for a limited space, and thrives in a dry sunny position. My 5-year-old many-branched clumps are 15 to 18 inches tall and are ready for im-

mediate effect. Very bushy, \$1.00 each, five for \$3.75; small plants, \$5.00 per dozen.

**Caragana chamlagu.* Mongolian Pea-Shrub. 36 inches. Small enough for the rock garden and suited to dry conditions. Handsome dark pinnate foliage and showy yellow-red blossoms. Distinct from other Pea-shrubs and extremely rare in cultivation. \$2.50 each.

Clematis ligusticifolia. Western Virgin's Bower. Vine, with pinnate foliage, the showy white flowers in July or August followed by large plumose seed clusters. 75 cents each, three for \$2.50.

Cornus stolonifera Coloradensis. Colorado Dogwood. 6 feet. A compact rounded bush, the foliage assuming brilliant autumn colors, and the twigs in winter a deep blood-red. Flowering and fruiting nearly all summer with showy clusters of pearl-white berries. 75 cents, \$7.50 per dozen; per hundred, \$40.00; large \$1.00 each, \$10.00 per dozen.

Crataegus erythropoda. Chocolate Thorn. 10 feet. A symmetrical small tree with glossy foliage and chocolate-red fruit. 75 cents each, \$7.50 per dozen.

Crataegus oxyacantha. English Hawthorn. Small tree to 15 feet with very handsome foliage, fruit scarlet. 75 cents, three for \$2.00.

Crataegus rivularis. Black Thorn. Fine symmetrical tree to 10 feet, foliage very glossy, fruit black, in clusters; one of the most beautiful of all hawthorns. 4-6 feet, \$1.50 each, \$15.00 per dozen.

Euonymus atropurpureus. Wahoo. 6 feet. This is stock from the extreme north and fruits abundantly. In the matter of fruiting it is the best strain I have seen. \$1.00 each.

Euonymus radicans colorata. The red and bronze autumn and winter foliage colors are very beautiful. A fine thing for the rock garden. Small clumps \$1.00.

Euonymus radicans vegatus. Winter Creeper. A very valuable evergreen trailer or climber and hardy where English Ivy does not winter well. Strong 3-year clumps, 75 cents, \$7.50 per dozen.

Forestiera Neomexicana. Mountain Privet. 10 feet. An erect shrub of the Privet family, leaves small, dark green. Recommended as an ornamental specimen shrub and as a hedge plant. Large, 75 cents, \$7.50 per dozen.

Forsythia suspensa Sieboldii. Trailing Golden-bell. Trailing shrub with very slender branches. May be used as a climber and is very effective for hanging over rocks or retaining wall. 75 cents each, \$7.50 per dozen.

**Holodiscus microphyllus.* Mountain Spray. 36 inches. Very erect shrub for miniature tree effect, a slow growing member of the Spiraea group, producing creamy sprays of minute flowers in early summer. Dry well drained sunny position. 75 cents each.

Jamesia Americana. Wild Mockorange. A handsome shrub of

moderate growth with velvety foliage and clusters of waxy-white fragrant flowers. Best in a well-drained humus soil with partial shade. Each, \$1.00, three for \$2.75.

Juniperus sabina tamariscifolia. Tamarix Juniper. This low, spreading Juniper nestles among rocks and is my favorite for the rock garden. Strong young plants with ball of earth in two sizes; \$1.00 and \$2.00 each. Special rates for quantity.

Lonicera Kerolkowii floribunda. Blue-leaf honeysuckle. 8 feet. A spreading bush characterized by blue-green foliage and rose-pink flowers, a beautiful color effect. Large, \$1.00 each, three for \$2.75.

Lonicera sempervirens. Trumpet Honeysuckle. An American all-summer-flowering vine, the scarlet trumpets are the joy of humming birds and the red berries last all the season. One of our hardiest and best woody climbers. 75 cents each, \$7.50 per dozen.

Lonicera tatarica grandiflora. White Tatarian H. 6 feet. A fine upright shrub with glaucous foliage and a wealth of large flowers of crystal-white; berries red. 75 cents each, \$7.50 per dozen.

Lonicera tatarica splendens. Pink Tatarian H. 8 feet. Somewhat larger and more spreading, with rosy pink flowers of exceptionally large size, followed by red berries. 75 cents each, \$7.50 per dozen.

Lonicera Thibetica. Honeysuckle. A dense much branched shrub suitable for the large rockery. Foliage glossy, dark green above, pale beneath, flowers purple, fruit red. With its small leaves and slender reclining branches it is a distinct shrub of refined appearance, easy to grow and not often met with. 75 cents each, 10 for \$6.50.

**Lycium pallidum*. Bush Matrimony. 30 inches. Very hardy miniature shrub, adapted to a dry, sunny position. Foliage pale gray-green, flowers of conspicuous size, also green, with a tinge of purple. By far the most showy species in fruit which is orange-scarlet in color. I have observed no suckering, so prevalent with other species. Bushes 18-24 inches, \$1.50 each.

**Malus floribunda*. Japanese flowering Crab. Small tree bearing a multitude of deep rose-red buds and flowers, followed by berry-like fruits. 18-24 inches, transplanted, 75 cents each, three for \$1.75.

**Malus Scheideckeri*. Hybrid Crab. (Seedling stock.) As this is a hybrid, the seedlings will show much variation, probably no two will be alike, but all will be beautiful. 18-24 inches, transplanted, 75 cents each, three for \$1.75.

Philadelphus pubescens. Mock-orange. Large shrub to 8 feet with dark green leaves of thick substance, and large white flowers. Large, 75 cents.

**Philadelphus virginal*. Mock-orange. Semi-double white flowers of largest size. Of highest merit among flowering shrubs. 75 cents each.

Physocarpus opulifolius nanus. 5 feet. Erect bush with slender

branches, leaves small, dark green, a profuse bloomer. 75 cents each, \$7.50 per dozen.

**Populus Andrewsii*. Andrews' Poplar. Large tree, of very rapid growth with smooth whitish bark and thick heart-shaped leaves. A cottonless hybrid between *P. Sargentii* and *P. accuminata*. 4-6 feet, \$1.00 each; three for \$2.75.

**Populus nigra*. Black Poplar. A tree of slow growth and extremely hardy. This stock was brought to Boulder from Sweden many years ago by a Swedish gardener. Much more spreading than the Lombardy Poplar of which it is supposed to be the parent form. 4-6 feet, \$1.25.

Potentilla fruticosa. Clinquefoil. A variable dwarf shrub of northern latitudes. The Colorado form is semiprostrate, a free and quite continuous bloomer and will thrive in dry soil; by far the best type for the rock garden; 75 cents each, three for \$2.00.

Prunus Besseyi. Western Sand Cherry, 4 feet. A low spreading bush, extremely profuse in flower and fruit, the cherries being black, of large size and only slightly astringent when fully ripe. 75 cents each, \$7.50 per dozen.

Prunus glandulosa sinensis. Pink Flowering Almond. Own-root stock, grown from cuttings; vastly superior to grafted bushes. \$1.00 each, three for \$2.75.

**Prunus gracilis*. Pigmy Plum. 30 inch. Trained as a miniature tree it will bear the little red plums when little more than a foot in height. 75 cents each, three for \$2.00.

**Prunus melanocarpa*. Mountain Choke Cherry. Shrub to 10 feet, forming thickets. Grown from a yellow-fruited strain, and while most of the plants will produce black fruit, a few will have yellow or bright red cherries in racemose clusters. \$1.00 each.

Quercus Gambellii. Western Scrub Oak. Shrub or small tree, under favorable conditions attaining 20 feet. Rough brown bark and very deeply lobed leaves. The common form of the eastern foothills and has been separated into several closely related species. Prune back before planting; I will do this before shipment if requested. 4-6 feet, \$1.25 each, \$12.50 per dozen; 6-8 feet, \$2.00 each, \$20.00 per dozen.

**Quercus prinoides*. Chinquapin Oak. A spreading shrub to 6 feet, bearing acorns when only a foot or two tall. Autumn foliage very brilliant in shades of red. Small, \$1.00 each.

**Quercus undulatus*. Mountain Live Oak. Very bushy shrub of slow growth, finally attaining 10 feet. The holly-like foliage is bluish-green and is very persistent, remaining green well into the winter and will prove evergreen in mild sections of the U. S. This and the Western Scrub Oak are dry-climate types and should be planted on a warm dry slope with good drainage. Small bushy clumps, \$1.50 each.

Rhus cismontana. Rockmont Sumac. 4 feet. A selected type that differs in its dwarfer habit, its small red fruit clusters and very dark, glossy foliage. Foliage brilliant red in autumn. A shrub of exceptional value. \$1.00 each, \$2.50 for three.

Rhus cismontana flavescens. Yellow-fruited Sumac. 6 feet. An albino form of the western Sumac with yellow fruit and the leaves yellow in autumn. 75 cents each, \$7.50 per dozen.

Rhus cognata. Durango Sumac. An upright bushy shrub to 8 feet with aromatic trilobate foliage and brilliant red berries in showy terminal clusters. Best in a sunny, dry or well drained position. 75 cents each, \$7.50 per dozen.

Rhus trilobata. Three-leaved Sumac. 4 feet. A rather low spreading shrub for dry position. Foliage dark green, of thick texture, with which the scarlet fruit makes a vivid contrast. Large, \$1.00 each, \$10.00 per dozen.

Rhus typhina. Staghorn Sumac. Very large shrub with the characteristic pinnate foliage. Fine stock. 75 cents, 10 for \$6.00.

***Robinia hispida.** Rose Acacia. 4 feet. A handsome flowering shrub with large rose-colored pea blossoms. Like other Robinias, it spreads by suckers. Large, \$1.00 each.

***Robinia luxurians.** Pink Locust. Formerly listed as *R. Neomexicana*. A small tree, very hardy, the fragrant pink flowers in great profusion through early summer. Plant where the suckers will not be objectionable. 4-6 feet, \$1.00 each.

Rosa foliolosa. Pixy Rose. A diminutive Texas species with white flowers, the foliage of dark green narrow leaflets. Distinct from other roses, its neat appearance, non-weedy habit and very small size characterize it as a gem for the rock garden. Each, 75 cents, three for \$2.00, ten for \$6.00.

Rosa lucida alba. (*R. virginiana alba*.) White Virginia Rose. 4 feet. Single blossoms of pure white, green stems and yellow foliage in autumn; rare and choice. \$1.00 each, \$10.00 per dozen.

Rosa lucida inermis. Thornless V. Rose. 5 feet. Entirely free of thorns, a desirable bush rose with red twigs in winter. Large, \$1.00 each, \$10.00 per dozen.

Rosa melina. Black Canyon Rose. 4 feet. Forms compact clumps which do not spread from the root. Flowers single, dark rose with spicy fragrance. A very choice shrub. \$1.00 each, three for \$2.75.

***Rosa stellata.** Desert Rose. In appearance, very unique; profusely branching, the twigs are spiny and coated with a felt of stellate hairs. Flowers deep rose, followed by purplish bur-like fruits, the leaves minute, five-parted and dark green. Hardy, and blooms through a long season; a dry, sunny position is recommended. Each \$1.00.

Rubus deliciosus. Rocky Mountain Bramble or Thimbleberry. 5 feet. One of the finest of Colorado Shrubs, satisfactory and reliable. It is thornless, forms handsome clumps with prettily lobed foliage and in June bears a profusion of snow-white flowers as large as single roses and like them in form. A very fine stock of young transplanted bushes, 18 to 24 inches, 75 cents each, 3 for \$2.00, 10 for \$6.00, 100 for \$50.00.

Note. *Salix brachycarpa*, *Salix glaucoops* and *Salix petrophila* are temporarily sold out. I cannot supply them this season.

Shepherdia argentea. Buffalo Berry. 8 feet. A tall hardy shrub withstanding extremes of cold and drought. Its silver-gray foliage is excellent for contrast and the scarlet berries add a touch of color in late summer and autumn. 75 cents each, \$6.50 per ten.

Symphoricarpos occidentalis. Wolfberry. 2 feet. A valuable low shrub for dry or rocky slopes with good foliage and clusters of pearly-white berries. 75 cents each, three for \$2.00.

Symphoricarpos Utahensis. Utah Snowberry. 6 feet. The tallest of the group; excellent foliage, pink flowers and white berries, graceful habit. Large, \$1.00 each, three for \$2.50.

Symphoricarpos vaccinioides. Small-leaved Snowberry. An elegant miniature of the Snowberry, of light graceful habit and attractive appearance. Each 75 cents; three for \$2.00.

Symphoricarpos vulgaris elongata. A selected type of the Coralberry with elongated racemes of berries that are of exceptionally fine color. \$1.00 each, three for \$2.50.

Symphoricarpos vulgaris leucocarpa. A beautiful albino with creamy-white berries and light green foliage; excellent for contrast. \$1.00 each, three for \$2.50.

New or Noteworthy Plants

Including Colorado Mountain Flowers

The opportunity to enrich your rockgarden with Colorado Mountain Flowers is made the more attractive because of the moderate cost and liberal service. The following are adapted to spring planting. Additional kinds will be included in the autumn catalogue that commence growth too early for spring planting. The height of varieties too tall for the rockgarden is indicated in the descriptions.

The prices of this section include prepaid delivery by parcel post on orders of \$3.00 or more. Safe delivery guaranteed; for details, see introduction.

Allium brevistylum. Alpine Flowering Onion. Erect umbels of showy deep rose flowers on stems a foot tall. From the sub-alpine slopes of the Medicine Bow Mountains in moist humus soil. The flowers are quite large, brilliant in color and several weeks earlier than the Pagosa Onion. Easily grown. Three for \$1.00, ten for \$2.50.

Allium recurvatum superbum. Pagosa Flowering-Onion. Larger every way than the type. The umbels gracefully poised on tall arching stems, and the flowers bright rose-pink. In my opinion, the most valuable garden flower in this group. Three for \$1.00.

Anchusa Myostidiflora. Entirely distinct and different, growing but 10 to 12 inches high and as broad, with sprays of clear blue Forget-me-not-like flowers in April and May; half-shade. 50 cents each, 3 for \$1.25.

Anemone patens Nuttalliana. American Pasqueflower. Silky buds expand with the first few days of spring, into flowers of

D. M. ANDREWS, ROCKMONT NURSERY, Boulder, Colorado

Order Blank for Plants—Keep a copy of your order

Do not write in
this space

Name ----- Date -----

Street or R. F. D. ----- P. O. Box -----

Post Office and State -----

Delivery Address if
different from above -----

Amount enclosed \$ ----- Ship when -----

Remarks : -----

FREE DELIVERY—PLEASE NOTE. Plant orders with cash, amounting to \$3.00 or more, exclusive of seeds, are delivered free. A delivery charge of 25 cents additional is required on orders for less than \$3.00 if wanted by mail. Evergreens and shrubs travel by express.

Quantity	Kind	Amount
----------	------	--------



pale lilac, as large as Crocus. No other flower of Easter time is more beautiful. Three for 75 cents, 10 for \$2.00.

Aquilegia coerulea. Rocky Mountain Columbine. A marvel among Columbines, four-inch blossoms of blue and white with long slender spurs. Large size and purity of color are assured by planting our true native stock. Three for 75 cents, 10 for \$2.00.

Aquilegia hybrida, Rainbow Blend. Rainbow Columbine. An unsurpassed strain in habit, vigor of growth, length of spur and size of flower. It surpasses all other strains in variety and brilliancy of coloring, in the predominance of colorful shades of pink and rose, scarlet, velvety reds and purples, including tints heretofore unknown. A steady improvement has been made by introducing into the strain size from our own *A. coerulea*, and intensity of color that will surprise the most experienced growers. Thrifty young roots, five for \$1.00, 25 for \$3.00. Flowering size, \$2.00 per ten. Seed, \$1.00 per $\frac{1}{4}$ ounce.

Aruncus sylvester. (*Spiraea aruncus*) Goatsbeard. Erect branching herb, 4 feet. Foliage beautifully cut, the small creamy-white flowers in huge feathery panicles. Very valuable border perennial; each, 50 cents; three for \$1.25.

Astilbe hybrids, in the following named varieties, supplied in strong field-grown plants at 50 cents per clump in any quantity or in any assortment. Gladstone, Gloria, Gruno, Princess Beatrice, Thunbergii and White Pearl.

Caltha rotundifolia. White Marshmarigold. The two-inch white flowers appear in early spring among the rounded basal leaves of dark green. At home in boggy meadows, it will thrive in half-shade if well supplied with moisture during the growing season. Flowering clumps. Three for \$1.00, 10 for \$2.50.

Cardamine cordifolia. Bitter Cress. A stream-side plant which will thrive in half-shade in an ordinary loamy soil and flower profusely in April or May. It has roundish dark green leaves and snow-white flowers in showy clusters on stems a foot tall. For the edge of streams or pools, it will grow in full sun and is of inestimable value. Three for \$1.00, \$2.50 per ten.

Centaurea rigidifolia. A rare oriental species growing three feet tall with crimson heads for many weeks in summer and autumn; lacks the coarseness of most species; 3 for \$1.00, 10 for \$2.50.

Chionophila Jamesii. Snow-lover. A pretty alpine of fairly easy culture in acid peaty soil with half shade. Like a miniature Pentstemon with a spike of tubular white flowers. Three for 75 cents, \$2.00 for ten.

Clematis Davidiana. Tubular flowers of clear blue in whorls from the two-foot erect stems; fragrant; valuable bush type; 50 cents each, 10 for \$4.50.

Clematis eriophora. (Silky Clematis.) Bushy species a foot tall with silky foliage and deep purple bell-shaped flowers in May. Clumps 50 cents, 10 for \$4.00.

***Clematis Fremonti,** Fremont's Leatherflower. Less than a

foot tall, bushy, with flower bells in shades of lavender and violet, leaves oval with entire margins; very distinct species of easiest culture. 75 cents each, 10 for \$6.00.

Clematis integrifolia. Low bush, flowering for a long succession, the handsome blue flowers having petals two inches in length. A most valuable and satisfactory plant. Flowering plants, three for \$1.00, 10 for \$3.00.

Clematis recta grandiflora. A non-climbing species of the habit and appearance of *C. recta*, having flowers fully two inches across. These appear for a long season in large terminal panicles, are fragrant, pure white, on stems two feet tall. Perfectly hardy, a good thrifty grower and one of the most valuable addition to the *Clematis* group in a decade. Strong flowering plants, 50 cents each; three for \$1.25; \$4.00 per ten.

— **Clematis Scotti**, Scott's Leatherflower. A foot or two tall, glaucous pinnate foliage, flowers urn-shaped, the tips scarcely spreading large, bluish-violet, beautiful and distinct. 60 cents each 10 for \$5.00.

— **Clematis Simsii**, Sims' Leatherflower. Handsome, vigorous climber with herbaceous stems, producing all summer its dark purple bells and silky seed clusters; Texas. 50 cents each, 10 for \$4.00.

Clematis Texensis, (*C. coccinea*). Scarlet Leatherflower. A hardy herbaceous climber which starts from the ground each season, grows rapidly and blooms constantly from June till frost. The flowers are broadly urn-shaped, brilliant scarlet, and are followed by the silky seed plumes; hardy and exceptionally valuable. 60 cents each, 10 for \$5.00.

Convallaria majalis. (Parsons' Var.) Lily of the Valley. A stout garden type with extra large bells on long stems, followed by showy scarlet fruit; selected pips, ten for \$1.00. \$7.50 per hundred.

Delphinium Geyeri. Geyer Larkspur. Very showy flower of the foothills with grayish foliage and long spikes of most intense blue flowers in June. Easily cultivated; suitable for dry ground, non-acid soil. Three for 90 cents, 10 for \$2.50.

Dictamnus fraxinella. Gas Plant. Very showy but infrequent border perennial forming a bush two feet tall; aromatic foliage and spikes of orchid-pink flowers in June. Best in a moderately heavy soil and open sunny position where it will thrive if undisturbed a score of years. Three for \$1.00; strong clumps, 75 cents each.

Dodecatheon meadia, Shooting Star. One of the most charming and least known of American natives. Our stock is from the Mississippi valley where it reaches its largest size and finest development, often more than two feet tall, the umbels bearing 20 to 30 white, pink or rose Cyclamen-like flowers of exquisite beauty. All species thrive in rich humus soil in part shade. Three for 90 cents, 10 for \$2.50.

Dryopteris filix-mas. The Colorado Malefern is one of the most valuable of hardy ferns with fronds two feet tall of firm

texture, nearly evergreen, easily grown. Native of a dry climate, it stands wind and lack of humidity better than most species. String husky rhizomes, three for \$1.00, 10 for \$3.00.

***Erigeron Coulteri.** Wolf Creek Daisy. Our selected type is superior to the ordinary species. It forms neat clumps about ten inches tall and the large white-rayed blossoms with yellow centers come in June. Easily grown in the open garden. Clumps 50 cents, three for \$1.25.

Filipendula. The principal group of plants formerly referred to Herbaceous Spiraea. See also, Aruncus, Astilbe and Gillenia.

Filipendula hexapetala. (Syn. *Spiraea filipendula*), Single-flowered variety with fern-like foliage and clusters of tinted flowers. Three for \$1.00.

Filipendula hexapetala, fl. pl. Dropwort. Herbaceous Spiraea. Fern-leaved, with 15-inch stems bearing corymbs of small double white flowers; 3 for \$1.00, 10 for \$2.75.

Filipendula purpurea. (Syn *Spiraea palmata*.) Siberian Meadowsweet. Exceedingly showy rose-red plumes; 4 feet. This, like most of the others, does best in a moderately heavy loam in the open. Three for \$1.00, 10 for \$2.75.

Filipendula purpurea elegans. Flowers white with pink anthers; charming effect. Three for \$1.00, 10 for \$2.75.

Filipendula ulmaria plena. Double, pure white, dwarf. Three for \$1.00, 10 for \$3.00.

Gentiana Andrewsii. Closed Gentian. Most of the Gentians are difficult to establish, but this transplants easily, and the large pale blue bud-like blossoms in September are very beautiful. Three for \$1.00, 50 cents each.

Geranium nervosum. White Cranesbill. A neat species of profuse flowering habit, blossoms white with thread-veins of violet. The clumps have a spread of 18 inches. An improvement over *G. Richardsoni*, offered previously. Three for \$1.00, 50 cents each.

Geum ciliatum. Western Rosy Avens. A little gem of early spring with rosy-pink flowers followed by tinted seed plumes. Three for \$1.00, 10 for \$2.50.

Gillenia trifoliata. Bowmanroot. Very elegant plant like an herbaceous Spiraea with sprays of rosy-white flowers. Easily grown, permanent in habit and does not spread at the root. 50 cents each.

Helianthella quinquenervis. Sunwort. An early-flowering Composite with tall slender stems and large yellow-rayed flowers. Three for 75 cents, 10 for \$2.00.

Iris Missouriensis. The native iris or flag of meadows and mountain valleys, usually wet till after the flowering season in May, later become very dry. A foot tall, forming large clumps, the lavender or pale blue flowers comparatively large and showy. Three for 75 cents, 10 for \$2.00.

Iris Missouriensis Bluebird. Similar to the type, but flowers Bradley's violet, falls veined lighter. 75 cents each, 10 for \$6.00.

Iris Missouriensis Snowbird. Pure white without veining. \$1.50 each, 10 for \$12.50.

Iris spuria aurea. Yellow Flag. A yellow iris on the order of *pseudacorus* but less rampant, the flowers more prominent because of shorter foliage. Three for \$1.00, 10 for \$2.50.

Iris orchroleuca. Yellow-banded Iris. Tall, late blooming, magnificent clumps which flower best if undisturbed for long intervals. Three for \$1.00, 10 for \$2.50.

**Iris orientalis*, Emperor. Two feet, violet. 75 cents each.

**Iris*, Perry's Blue. (*Siberica*.) Chinese-blue shade with white, very beautiful. 75 cents each.

Leucocrinum montanum. Sandlily or Starlily. Very early spring flower of crystal-white, the size of crocus, forms a rosette of narrow foliage. One clump will often bear fifty blooms in one season. Hardy and successful East. Can be furnished in spring, but autumn planting is recommended. Small clumps, three for 90 cents, 10 for \$2.50.

Liatris ligulistylis. Rocky Mountain Gayfeather. A dwarf early species with very showy heads of rosy purple or pale lilac. Three for 90 cents, 10 for \$2.50.

Liatris punctata. Dotted Gayfeather. Suitable for the dry rockery, several slender spikes less than a foot tall. Three for 75 cents, 10 for \$2.00.

Lilies. Supplied in autumn.

Lithospermum linearifolium. Puccoon. Long tubular phlox-like flowers of pale yellow on stems a foot tall. Three for \$1.00.

Lithospermum multiflorum. Gromwell. A low bushy perennial, related to *Mertensia*, and has paniculate sprays of golden yellow bells in wonderful profusion. Grows on dry slopes and should have a well-drained sunny position. Three for \$1.00.

Malvastrum coccineum. Scarlet Mallow. Low-growing, colony-forming plant for dry sunny slopes. The gray foliage and copper-scarlet flowers in short terminal racemes afford a pleasing effect when planted in groups. Three for 75 cents, 10 for \$2.00.

Manfredia virginica. False Aloe. Succulent foliage resembling an Aloe or Yucca and entirely hardy. 50 cents each, three for \$1.25.

Mertensia Ciliata, Mountain Bluebells. A luxuriant plant of graceful habit with fine glaucous foliage, the drooping sprays of pale blue flowers continue in bloom for a long period. Flowering roots. Three for 90 cents, 10 for \$2.50.

Mertensia lanceolata. Prairie Bluebell. Grows in open dry fields and blooms in early spring. The delicate blue flowers appear first in a compact cluster which expands with the development of new flowers into an open panicle a foot in length. Three for 75 cents, 10 for \$2.00.

Pentstemon alpinus, Alpine P. Stocky, dwarf habit, the large dark blue flowers in a compact spike. An exceedingly beautiful and satisfactory rockplant. Thrifty young plants five for \$1.00.

Pentstemon lavendulus. This mountain form of *secundiflorus* is a smaller plant with narrower foliage and forms better clumps,

bearing consequently more flowers. On a dry sunny slope it is very permanent and of excellent habit for the rock garden. Color is deep lilac-purple. Clumps 50 cents each, three for \$1.25; young plants, 5 for \$1.00.

Pentstemon saxosorum. A small plant with slender 10-inch stems and quite large flowers of dark blue-purple. It forms neat little clumps, has a good root system and promises to be longer-lived than some others. A gem for the rock garden with sun and good drainage. Clumps 50 cents, three for \$1.25; young plants, five for \$1.00.

Pentstemon secundiflorus. A distinct type with fine glaucous foliage, the stems a foot or more tall carrying a one-sided raceme of very showy lilac flowers. Grows along the foothills and requires dry conditions and full sun. Young plants, five for \$1.00.

Primula Parryi, Parry's Primrose. A very robust sub-alpine, a foot or more tall with rosettes of broad foliage producing large umbels of very showy crimson flowers with yellow centers. Moist humus or peat, acid soil, partial shade. Three for \$1.25, 10 for \$3.50.

Primula polyantha. Hybrid English Primrose. Improved hybrids, unsurpassed for their flowers of largest size and wide range of color. Few hardy flowers of early spring persist for so long a season. Thrives best in moist loam in partial shade. Strong plants from the open ground ready to bloom. Three for \$1.00, 10 for \$2.50.

Primula veris. English Cowslip. Umbels 4-8 inches high from a leafy rosette grown from a select strain in a fine range of color. Splendid rockplant for partial shade. Strong plants from the open ground. Three for \$1.00, 10 for \$2.50.

***Rudbeckia montana.** Coneflower. Dark purplish-black cones three or four inches long without rays is the unique feature of this Colorado species; 3 feet. Each 50 cents, three for \$1.25.

Salvia azurea, Azure Sage. If limited to one blue flower, it would be the Salvia in its several shades of blue. It never fails, thrives almost without care, is true blue and has a long season of bloom. Excessive moisture and fertility are to be avoided, as a rank growth results in lippy stems and inferior bloom. Three for 75 cents, 10 for \$2.00.

Salvia Pitcheri. Dark-azure Sage. Later blooming and much darker blue, but otherwise identical with *S. azurea*. The stems grow three feet tall and are well adapted for cutting. Try growing both Salvias in a rather dry position. Three for \$1.00, 10 for \$2.50.

Scabiosa caucasica. Blue Bonnet. The flowers of clear lavender-blue are borne in large heads on slender stems all summer; one of the few perpetual bloomers among hardy plants. A good cutflower. Three for \$1.00, 10 for \$2.50.

Sedum Ewersii. Stonecrop. Handsome rock creeper with flat foliage and clusters of pink flowers in late summer. Three for \$1.00.

Sedum Kamtschaticum. Orange Stonecrop. Broad-leaved creeper, foliage redish purple in winter; flowers deep golden yellow. Three for \$1.00, 10 for \$2.50.

Sedum Maximowiczii. Amur Stonecrop. Erect stems a foot high with yellow flowers in broad terminal clusters. Three for \$1.00.

Sedum Rhodiola. (*Rhodiola integrifolia*) Ruby Stonecrop or King's Crown. An alpine of the Colorado mountains for moist soil and partial shade. Forms neat little clumps, the low stems terminating in small clusters of dark ruby-red flowers which last a long time. Small clumps, 50 cents, three for \$1.25.

Sedum rhodanthum. (*Clementsia rhodantha*) Clement's Stonecrop. A native subalpine in moist soil and prefers half shade. Under best conditions it forms clumps a foot in height, with terminal clusters of pink flowers. Three for \$1.00, 10 for \$2.50.

Sedum stoloniferum coccineum. Valuable cover plant for dry or sterile slopes, the fleshy leaves and stems reddening in autumn and winter, flowers amaranth-red. Three for 75 cents, 10 for \$2.00, \$12.00 per hundred.

Synthyris plantaginea, Kittentails. An attractive rockplant of easy culture, silky spikes of bluish flowers in early spring from a rosette of broad foliage. Three for \$1.00, 10 for \$3.00.

Synthyris reniformis, Kidneyleaf. Round evergreen dentate leaves and violet-blue flower spikes in early spring. A charming plant for humus soil and shade. Three for \$1.00, 10 for \$3.00.

Synthyris rotundifolia, Roundleaf. Same culture and rosette forming habit as *reniformis*, the flowers light blue in smaller but more numerous spikes, often during mild weather in mid-winter. Three for \$1.00, 10 for \$3.00.

Trollius albiflorus, White Globeflower. A desirable sub-alpine for a moist peaty soil in partial shade. It blooms early, the flowers quite large, sulfur, fading to pure white. Clumps with several flowering crowns, three for \$1.25, 10 for \$3.50.

Trollius Europeus. Globeflower. Exquisite plant for partial shade, the half-opening flowers clear yellow. Each 50 cents, three for \$1.25.

Valeriana acutiloba, Valerian. A very charming alpine or rockplant which will thrive under ordinary garden conditions. Forms a nearly evergreen leafy tuft, producing a succession of flowering stems from very early spring till June, and often in autumn. The small white or rose-tinted flowers are disposed in rather close heads and the plant resembles a miniature Garden-heliotrope. A rigidly tested novelty of exceptional worth. Three for \$1.00, 10 for \$2.50.

Valeriana micrantha. A little taller than *acutiloba* and the flowers creamy-white, in a more compact cluster. Both are attractive and distinct. Each 50 cents, three for \$1.00, ten for \$2.50.

Veronica amethystina. Speedwell. One-foot clumps, the beautiful amethyst-blue flowers hiding the foliage in June; one of the few that thrive in a dry position. Three for \$1.00, 10 for \$2.50.

**Yucca coloma*, Soaproot. Best of all the yuccas for the rock garden because of its small size, it is proving to be in the East a most satisfactory grower, originating as it does in a climate of more abundant rainfall than the desert types. With its miniature rosettes of stiff blue green foliage and slender flower spikes, no hardy species is more beautiful. Strong established plants. \$1.00 each, three for \$2.75.

Yucca filamentosa variegata. Of two or more variegated yuccas, this narrow-leaved type is entirely hardy and is a thrifty grower. The leaves have very narrow stripes of green and creamy white in summer, but in winter the white stripe becomes strongly tinged with red and is then the most beautiful variegated plant I have ever seen. Strong field-grown plants, 75 cents each, three for \$2.00, 10 for \$6.00.

Zygadenus elegans, Star Hyacinth. A lilaceous plant for moist soils with slender stems and racemes of white flowers. Three for 75 cents, 10 for \$2.00.

Peonies, Iris and Phlox

Rockmont Introductions

During the reconstruction of nursery affairs in my change from a general nursery to one of specialties, it became necessary to omit my fall lists of Peonies. Now that the reorganization is pretty well an accomplished fact, I plan a midsummer catalogue that will give more adequate attention to the three flower groups named above.

I may say too, that stock of the outstanding varieties has been propagated consistently and that the present quantities justify a material reduction over the introductory prices of those previously listed. And also, that sufficient stocks are available of a few new things in Peonies to permit their introduction at attractively low prices.

Just to forecast some of the splendid offerings in Peonies I will announce for fall delivery the following revised prices: *Manitou*, late, heavy-stemmed shell-pink, \$5.00; *Nimbus*, tall, stiff-stemmed late cut-flower buff-white, \$7.50; *Sixty-six*, a valuable free-blooming fragrant red, color of *Filix Crousse*, but of stronger habit, \$5.00. Then there is a marvel in deep rose and most brilliant yellow, the center intermingled or all yellow, very full and a heavy flower, profuse bloomer with a stout stem; the name is *Rosaureo*; price to be given later. The largest full double peony I have ever seen is number (17-34). Young plants bloom regularly and the massive deep pink blossoms open freely with none of the tightness common to large-flowered varieties. The person proposing an appropriate and acceptable name, personal names excluded, will be awarded a root of this variety free. Number (20-08) is an erect-growing intense red, nearly as deep as *M. Martin Cahuzac*, but much brighter with a warm tone.

From my Japanese Peony seedlings I shall select six, including two new ones. *Silver Plume* is very large and its center

is larger, fuller and more feathery than any other I know, not excepting Ama-no-sode or Tamate-Boku. The color of the very narrow twisted filaments is silvery pink, they are as long as the guards and fill the center like a bomb-type peony. Whether you care for Japs or not you will love Silver Plume. Number (2020) is a seedling of Mikado, but is several shades darker, a plant of finer habit, very erect. The center is of dark red ligules of even length, the tips encrusted with gold. Prices will be given in the summer catalogue, and revised prices on Calypso, Flamingo, Rosebud and Shavano.

Iris Introductions for spring delivery are priced as follows. Prices for summer delivery are expected to be shaded a little lower if stocks will permit.

Alabaster, purest white, price each-----	\$ 4.00
Amerind, tall golden bronze-----	4.00
Candlelight, rosy mauve and gold-----	7.50
Jacksore, vinous red self-----	10.00
Odaroloc, rose-toned lavender -----	1.50
Ophir Gold, very late, pure yellow-----	1.00

Phlox Introductions. The six varieties of Phlox offered below include four exceptionally brilliant bits of color. The four are Mendelian hybrids derived from Coquelicot, into which larger size has been introduced, together with greatly improved habit and constitution. Osceola, Snowcap and Tanager have florets larger than a silver dollar, Silverton much larger, and Colorado approaches closely. Robin Hood is of medium size but larger than others of its color class. All were new last season, except Silverton, which was introduced in 1927. One root each of the six for \$10.00 delivered, prepaid.

The prices are for strong field-grown roots, sold singly as follows:

Colorado - -----	\$2.00
Osceola - -----	2.00
Robin Hood - -----	2.00
Silverton - -----	1.25
Snowcap - -----	1.50
Tanager - -----	2.00

Seeds of Shrubs and Rare Specialties

Owing to the longer time required for the germination of most shrubs, it is thought best to offer in packets of stated quantity which will be of practical value for commercial growers. Therefore, the offerings are the smallest quantity sold; no small packets.

A few very choice specialties are included in this list while our supply lasts at the prices quoted. Please order early, before April 1st if possible. I will refund if sold out.

***Shrub seeds.** Described under New or Noteworthy Shrubs.

Amorpha nana; per ¼ ounce, \$1.50; ounce, \$5.00.

Arctostaphylos Uva-ursi; evergreen trailer; clean seeds. $\frac{1}{2}$ ounce, \$1.25.

Cornus Coloradensis; $\frac{1}{2}$ ounce, 75 cents.

Clematis ligusticifolia; $\frac{1}{4}$ ounce, 75 cents; ounce, \$2.50.

Jamesia Americana; fine clean seed, $\frac{1}{8}$ ounce, \$1.00.

Juniperus Siberica; berries, ounce, 75 cents.

Lonicera involucrata; trade packet, 50 cents.

Picea pungens glauca X; $\frac{1}{4}$ ounce, 50 cents; ounce, \$1.50.

Picea gungens glauca XX; $\frac{1}{4}$ ounce, \$1.00; ounce, \$3.00; pound, \$25.00.

These seeds of the glaucous Blue Spruce are from a high isolated valley where the trees are all very blue, no trees that would be classed as green. The run of the valley, (glauca X) will reproduce nearly 100% blue, as I have proven from seedlings already grown to character size. The grade (glauca XX) was saved from a single group in this valley, every tree of which was as blue as a grafted Koster spruce. I have taken seedling trees from this spot that are bluer and retain the color better with age than Koster trees when grown side by side in the nursery. I am reserving part of this (glauca XX) for my own planting, but have a few pounds to spare, not more than one pound to a customer.

Pinus aristata; $\frac{1}{4}$ ounce, \$1.00.

Rhus trilobata; clean seed, $\frac{1}{4}$ ounce, 75 cents; ounce, \$2.50.

Rubus deliciosus; clean seed (dormant first year) $\frac{1}{4}$ ounce, 75 cents; ounce, \$2.50.

*Rare flowers and lilies. Some of these are offered for the first time.

Anemone globosa. Red Anemone or Windflower. A subalpine for a gritty, peat soil, acid, with part shade. Packet 50 cents.

Corydalis nobilis. Perennial from a large root, forming clumps a foot in height that flower profusely in early spring, pale yellow in large clusters. Siberia. Seeds lie dormant first year. Liberal packet, 75 cents.

Helianthus, Wine-Red. An improved type of the Red Sunflower that comes quite true from the seed. Originally a red-tinged sport of the native annual Sunflower. Color deep wine-red, only slightly marked or bordered pale primrose. Height four feet; annual. Packet, 50 cents.

Lilium Henryi. Liberal packet, \$1.00.

Lilium hybridum. Hand-fertilized hybrids of the upright-flowering types, including *Umbellatum*, *Croceum*, *Elegans*, etc., uniting several varieties in various combinations. Seedlings that have flowered from the same range of hybrids show magnificent new types and colors. Liberal packet \$1.00.

Lilium Parryi. Liberal packet, \$1.00.

Lilium Croceum. Liberal packet, \$1.00.

Lilium tenuifolium; $\frac{1}{4}$ ounce, \$1.50; ounce, \$5.00.

Lilium Willmottae. Liberal packet, \$1.00.

Note. *Lilium tenuifolium* grows easily from seed and germinates quickly. Some kinds lie dormant one season or germinate after a few weeks or months.

Synthyris plantaginea. Packet, 50 cents; 1000 seeds, \$1.00.

General List of Seeds

The germination period of seeds of perennials varies from a few days or weeks to several months. There is a prevailing notion that fresh seeds germinate quickly, or more quickly than seeds a few months to a year old. Of the kinds here listed, with possibly a few exceptions, there is no difference whatever. If seeds of *Clematis Texensis* be planted the same day they are gathered, they would lie dormant one full year from the following spring, some 18 months in all. No coaxing or persuasion will hurry it. Each kind of seed has its minimum period which is often prolonged by unfavorable conditions.

Unless you possess a good degree of patience, the use of plants already advanced to the flowering stage, will save time. Excellent reports come in telling of success with my seeds, and quite a number of the following items are not yet available as plants.

Warranty. I supply seeds which I believe to be of sound quality and able to germinate under proper conditions. They are sold at a nominal price. Successful culture depends upon conditions not under my control. Upon these considerations, please do not ask for replacement or reimbursement in case of failure.

***Seed Prices.** The seeds listed as follows are put up in packets at the uniform price of 25 cents per packet; minimum order, \$1.00.

Anemone patens Nutt. American Pasqueflower. Silky buds in spring expand into showy flowers of pale lilac.

Aquilegia coerulea. Rocky Mountain Columbine. Four-inch blossoms of blue and white long spurs. $\frac{1}{4}$ ounce \$1.00.

Aquilegia hybrida, Rainbow Blend. Rainbow Columbine. Surpasses other hybrid strains in variety and brilliancy of coloring and in the predominance of colorful shades of pink, rose, scarlet, velvety reds and purples. White, yellow and pale tints are reduced to their proper proportion. $\frac{1}{4}$ ounce \$1.00.

Argemone hispida. Dwarfest of the Prickly Poppies with large white flowers of satiny texture and bluish green foliage.

Aster ptarmicoides. (Western form.) White Aster. An excellent rock plant a foot tall for dry soil and full sun. Good foliage and neat sprays of pure white flowers of lasting substance good for cutting.

Astragalus Shortianus. Bright purple flowers from a rosette of pinnate foliage, appearing in early spring; dry sunny position.

Campanula petiolata. Western Harebell. The blue bells on slender stems are borne in utmost profusion for a long season.

* Seeds, 25 cents per packet; minimum order, \$1.00.

Clematis Orientalis. Yellow Clematis. (Vine.)

Clematis recta grandiflora. Magnificent clumps, foliage finely cut, dark green, each stem producing 25 or more fragrant white flowers two inches across.

Corydalis montana. Golden C. Profusely blooming annual forming low mats for filling spaces in the rock garden.

Delphinium Geyeri. Geyer Larkspur. Grayish foliage from which arise slender spikes of most intense blue; succeeds best in a dry, sunny position.

Dictamnus fraxinella. Gasplant. Border perennial meriting more general culture.

Erysimum asperum. Western Wallflower or Yellow Phlox. An easily grown annual with yellow or orange phlox-like flowers on foot-high stems.

Gaillardia aristata. Blanket-flower. The original wild type is preferred by some for its smaller center and less flashy color.

Gaura coccinea. Gaura. Low plant of dry ground with slender racemes of fragrant white flowers turning red with age.

Gilia pulchella. Bush Cypress or Skyrocket. A choice biennial for gravelly, peaty soil, preferably a sunny slope. Beginning early the second season the scarlet, pink or white star-like flowers are produced on yard-high stems all summer.

Harbouria trachyleura. Golden Parsley. Slender stems with foliage delicate as a fern, and showy umbels of golden flowers; a valuable rockplant for a dry sunny place.

Heydysarum pabulare. Jointpod. Sprays or rosy pink pea blossoms on stems a foot tall; dry limestone slopes.

Helianthella quinquenervis. Sunwort. Early flowering Composite with tall slender stems and yellow-rayed flowers.

Iris missouriensis. Blue-flag. Native spring-flowering iris of pale blue.

Iris missouriensis, Bluebird. Seed saved from Bluebird; color may vary.

Iris missouriensis, Snowbird. Pure white, comes mostly true from seed.

Lepachys columnaris (Ratibida columnaris) Coneflower. A gem for the rock garden or low border, yellow drooping rays and dark cones. Blooms the first year from seed and for a long season; excellent and easily grown.

Lepachys columnaris pulcherrima. Painted Coneflower. Outstanding for its remarkable color and as a garden flower of easy culture. Identical with the yellow form except that the rays are a rich mahogany-red. A true-to-color strain, not a mere variant, and blooms true from seed.

Liatris ligulistylis. Rocky Mountain Gayfeather. Dwarf, early species with very large heads of rosy magenta.

Lilium tenuifolium. Coral Lily. Brilliant scarlet, easily grown from seed.

Lupinus argenteus. Bluebonnet. Two feet, showy blue spikes, deep well-drained soil.

Lupinus decumbens. Lupine. Three feet, much branched lilac, free bloomer for a long season.

Lupinus Plattensis. Bicolored Lupine. Remarkable for the conspicuous blotch in the upper half of each flower; rare low growing species.

Mentzelia decapetala. (*M. ornata*) Evening Star. Marvelous five-inch, ten petaled stars of creamy white, opening late afternoon for several weeks; perennial in dry calcareous soil.

Mertensia lanceolata. Prairie Bluebell. Thrives in any dry, sunny position, blooms early and continues a long time. The blue flowers and pink buds appear first in compact heads, which expand into open sprays a foot high.

Oxytropis campestris hybrids. Hybrid Loco. A beautiful rock plant of ideal habit, numerous flower spikes of wisteria-like blossoms arising a foot in height from a broad rosette of pinnate foliage. Hybrids in a very wide range of colors, rose to crimson and lavender to purple. Easily grown in a medium loam with full sun and free drainage.

Oxytropis Lambertii. Crimson Loco. Many spikes of crimson pea blossoms from a rosette of pinnate foliage.

Oxytropis splendens. Splendid Loco. A resplendent jewel of rosy amethyst in a setting of silver, is this gem for the rock garden. The flower spikes are low and compact and the foliage silvery. Moraine soil, good drainage and full sun.

Oxytropis villosus. Silky Loco. Silky-gray rosettes and creamy flowers.

Pentstemon albidus. White Pentstemon. A low-growing native of sandy plains, easily grown and rather more permanent in cultivation than others. Flowers white.

Pentstemon angustifolius. (*P. coeruleus*) Dwarf, early, sky-blue flowers, tinted rose.

Pentstemon humilis. Quite dwarf, deep blue, sunny rocky slopes.

Pentstemon stenosepalus. A foot tall, large deep purple flowers.

Pentstemon unilateralis. Tall, deep purple flowers in long racemes.

Polemonium confertum. Musk-flower. A treasure among Colorado alpenes, forming clumps at high altitudes, the very conspicuous flower clusters reflecting the intense blue of the alpine sky.

Polemonium melitum. Polemonium. Similar to *P. confertum* except in color of the flowers which are sulphur-white. Easily grown in light soil and partial shade.

Polemonium molle. A foot tall with panicles of small blue flowers.

Polemonium occidentale. Belongs to a distinct group of this genus, producing violet blue bells for a long season on 12-inch stems. Easily grown in humus soil in half shade.

Polemonium robustum. Two feet tall, long season of bloom.

Primula Parryi. Parry's Primrose. Large umbels of crimson flowers from a rosette of light green foliage.

Pyrethrum hybridum. Painted Daisy. Fine mixed strain of single and double.

Quincula lobata. Low rock plant for dry, sunny spot, with purple star-shaped flowers.

Rudbeckia hirta. Brown-eyed Susan. Easily-grown perennial with golden-yellow rays and dark center.

Salvia azurea. Azure Sage. Light blue; avoid excessive moisture and fertility.

Sidalcea Neomexicana. Rose Mallow. The one-inch blossoms of clearest pink appear for many weeks on 3-foot stems. Native of moist mountain meadows.

Sphaeralcea cuspidata. Tall Scarlet Mallow. A much taller plant than the Scarlet Malvastrum but with similar flowers and forms bushy clumps three feet tall; for dry soil, new.

Thermopsis montana. Buffalo Pea. A foot high, early spring, showy yellow pea blossoms.

Thermopsis rhombifolia. Very dwarf species; yellow.

Townsendia grandiflora. Rock Daisy. Annual or biennial, forming low clumps with large white daisies in early summer. Sunny slope, sandy soil.

Trifolium dasyphyllum. Alpine Clover or Trifol. Tufts of narrow foliage from a deep root, not creeping, and heads of showy pink flowers. A lovely alpine for rock crevices.

Trifolium Parryi. Parry's Alpine Clover. Of similar habit, foliage broader and the large flower heads deep rosy purple, very beautiful.

Verbena ciliata. Mountain Verbena. Perennial in dry soils, hardy, a profuse bloomer the entire summer, elongating heads of lilac or lavender flowers.

Yucca glauca. Soapweed. One of the hardiest and easily grown from seed.

Zygadenus gramineus. A lilaceous plant with creamy flowers from a deep bulb, dry sandy soil, full sun.

* Seeds, 25 cents per packet; minimum order, \$1.00.



LILAC ROOT-GROWTH COMPARED
Own-root Lilacs vs. grafted. See page 4.